

19971003.ba v01_n711.bam.971003 v01_n712.bam.971003

>From ???@??? Sat Oct 04 10:10:14 1997
Message-Id: <199710031620.QAA29740@sco.theporch.com>
Date: Fri, 3 Oct 1997 11:20:16 CDT
Subject: BOATANCHORS digest 1711

BOATANCHORS Digest 1711

Topics covered in this issue include:

- 1) Audio for sale
by WA6GYD@aol.com
- 2) Homebrew BA article by Master Builder Ralph Michelson, KG8FA, - XMTR & RCVR
by John Dilks <oldradio@worldnet.att.net>
- 3) I'll be at the Columbia Hamfest at the Howard County Fairgrounds, Maryland
by John Dilks <oldradio@worldnet.att.net>
- 4) Need transformer
by Silvassb@aol.com
- 5) R-390 Handbook for sale at the CARA/MD Hamfest
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 6) RT-6, RR-6, RB-6 Spy Set Manual Wanted
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 7) Re: RAS Receiver - update
by wallace@world.std.com (Andy Wallace)
- 8) FS Hammarlund HQ120X Orig Manual
by Scott Robinson <spr@earthlink.net>
- 9) WTB: Hammarlund S-200 Speaker
by Scott Robinson <spr@earthlink.net>
- 10) Re: SCARY STORIES FROM AN ESTATE SALE
by "michael ferraro" <ferraro@sprintmail.com>
- 11) Re: RAS Receiver - update
by "Jim Berry" <basalop@mail.gte.net>
- 12) Wall Street Journal article on Morse code (fwd)
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 13) WTB Parts for R-390A
by David Prince <davprin@gil.com.au>
- 14) J-36 Identification
by "Thomas A. Adams" <103360.2133@compuserve.com>
- 15) Globe King
by "Thomas A. Adams" <103360.2133@compuserve.com>
- 16) WTB: ER magazine (before 9/96)
by "JOSE V.GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
- 17) Johnson 6N2 Advice?
by K1HC@aol.com
- 18) R-392 by Colonial?
by n5off@w5ddl.aara.org
- 19) FS: Swan 250 at HossTraders, NH

- by afpgreg@state.me.us (Paul V. Gregory)
- 20) eico vtvn kit
by KA9EGW@aol.com
- 21) Pan American Tropical
by laffitte@prtc.net (laffitte)
- 22) Rock Hill Hamfest
by howellh@winthrop.edu
- 23) FS: Multimeter ME-9B/U (TS-352/U)
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 24) GM7191 Maroon paint
by Laird Tom N <LairdTomN@JDCORP.deere.com>
- 25) Meter adjustment?
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 26) GRC 109 Prices ?
by "ro" <otterstad@inet.uni-c.dk>
- 27) Harris Transformer
by Gary Harmon <gharmon@txdirect.net>
- 28) Re: Meter adjustment?
by "Lawrence R. Ware" <lrware@pipeline.com>
- 29) Promised info on E-V 664
by "Grant Youngman" <nq5t@gte.net>
- 30) columbia hamfest date
by philip mccooy <dgnova@erols.com>
- 31) SP600 Cabinet Availability
by anders@autopsy.csd.sgi.com (Greg Anders)

Date: Thu, 2 Oct 1997 20:42:07 -0400 (EDT)
From: WA6GYD@aol.com
To: boatanchors@theporch.com
Subject: Audio for sale
Message-ID: <971002204055_238944407@emout09.mail.aol.com>

A Stromberg Carlson Hi Fi amp with a pair of 6F6's in final. Open chassis painted grey with green xfmers. \$40 + UPS Need more info? ask.

Don

Date: Thu, 02 Oct 1997 20:51:05 -0400
From: John Dilks <oldradio@worldnet.att.net>
To: boatanchors@theporch.com
Subject: Homebrew BA article by Master Builder Ralph Michelson, KG8FA, - XMTR & RCVR
Message-ID: <34344179.1C1@worldnet.att.net>

Re: Homebrew BA article by Master Builder Ralph Michelson, KG8FA, -
XMTR & RCVR

** New 10-2-97 --

Ralph has been building radios since 1935. You can read his article
on each and see photos on the New Jersey Antique Radio Club Web Page.
Schematics and parts list are available.

<http://www.ent.com/oldradio> Click on the AWA in the yellow box to get
there.

Also see the AWA BA Auction Report.

73' John Dilks, K2TQN

Date: Thu, 02 Oct 1997 20:55:44 -0400
From: John Dilks <oldradio@worldnet.att.net>
To: boatanchors@theporch.com
Subject: I'll be at the Columbia Hamfest at the Howard County Fairgrounds,
Maryland
Message-ID: <34344290.6D0D@worldnet.att.net>

Boatanchors members --

I'll be at the Columbia ARA Hamfest at the Howard County Fairgrounds,
Maryland on Sunday.

Look for my blue Ford van in the Flea Market. I'll have a nice
supply of radio books and some BoatAnchors too.

73' John Dilks, K2TQN

Date: Thu, 2 Oct 1997 21:13:45 -0400 (EDT)
From: Silvassb@aol.com
To: boatanchors@theporch.com
Subject: Need transformer
Message-ID: <971002210740_742213336@emout17.mail.aol.com>

Am in the process of bringing Globe King 500b back to life.
Missing the plate transformer in the modulator deck.
Specs: Dual secondary 1. output of 1000 vdc @ 300ma
2. output of 400 vdc @ 150ma
Any help will be greatly appreciated.

Thanks
George wa6hcx

Date: Thu, 2 Oct 1997 21:47:02 -0400 (EDT)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: John Dilks <oldradio@worldnet.att.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: R-390 Handbook for sale at the CARA/MD Hamfest
Message-ID: <Pine.A32.3.91.971002214253.25355A-100000@ppdu.nrl.navy.mil>

John and gang,

I have two extra copies of the R-390/URR - R-390A/URR Handbook that I purchased via mail from Italy. The book is in Italian. I will have the two extra copies with me at the Columbia Hamfest for sale at \$30 each. I will be wearing a red cap. As usual, we might get together at 10AM at the food stand.

Sincerely, Paul Bernhardt

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

On Thu, 2 Oct 1997, John Dilks wrote:

> Boatanchors members --
>
> I'll be at the Columbia ARA Hamfest at the Howard County Fairgrounds,
> Maryland on Sunday.
>
> Look for my blue Ford van in the Flea Market. I'll have a nice
> supply of radio books and some BoatAnchors too.
>
> 73' John Dilks, K2TQN
> -----
>
>

Date: Thu, 2 Oct 1997 21:55:46 -0400 (EDT)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: boatanchors <boatanchors@theporch.com>
Subject: RT-6, RR-6, RB-6 Spy Set Manual Wanted
Message-ID: <Pine.A32.3.91.971002214853.25355B-100000@ppdu.nrl.navy.mil>

BA-experts,

Today at the NRL Amateur Radio Club Meeting, an RT-6/RR-6 spy radio was demonstrated. The unit was in very good condition but the owner did not have any manual on it. I would like to get some information if any has copies for sale.

The RT-6 demonstration led to some interesting discussions. One club member worked for the OSS during WWII. His job was communicating to the resistance members in France and Italy. Another club member was asked to comment on his activities using spy radios. He didn't say much except he mentioned using a GRC-9 that had a cyanide capsule as auxillary equipment. Thanks, Paul Bernhardt

Work:P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

Date: Fri, 03 Oct 1997 02:06:56 GMT
From: wallace@world.std.com (Andy Wallace)
To: Russell_Schroeder@xn.xerox.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: RAS Receiver - update
Message-ID: <34384616.1458808@world.std.com>

Hello, "Schroeder,Russell G" <Russell_Schroeder@xn.xerox.com>!

>Earlier in September, I posted a note looking for help on a RAS
> receiver that I picked up at the AWA meet in Rochester, NY.
>
>Replaced all (28) tubular capacitors. All caps were extremely leaky.
>
>I hope I haven't bored or offended anyone with this long message.

Certainly not! I loved hearing about your progress -- my RAS, courtesy of Deke Lightfoot (still on BA?) could use the same treatment.

I never looked at my contract date, and your post made me look: mine's from 1943. And mine's missing all the nomenclature tags...not holding out too much hope of finding some but would even accept some Xeroxes I can put on silver foil or something!

Keep us informed!

--Andy wallace@world.std.com

Outside of a dog, a book is a man's best friend.

Inside of a dog, it's too dark to read. --Groucho Marx

Date: Thu, 2 Oct 1997 20:55:18 +0100

From: Scott Robinson <spr@earthlink.net>

To: boatanchors@theporch.com

Subject: FS Hammarlund HQ120X Orig Manual

Message-ID: <v03007801b059ac4a28d0@[153.34.139.184]>

This is cross-posted from rec.antiques.radio+phono. BUG HUM, NOT ME!!

Subject: Hammarlund HQ120X Orig Manual

From: Pmalvasi, pmalvasi@aol.com

Date: 1 Oct 1997 20:38:23 GMT

For sale original HQ120X manual in VG cond. \$12.00 shipped CONUS

73 Pete

W2PM - Life Member ARRL Since 1976 - Member AWA

Top Dollar for Fine Telegraph and Wireless Apparatus

VISIT MY WEB PAGE: <http://members.aol.com/pmalvasi/keypix/pete.html>

Scott Robinson

spr@earthlink.net

Junque is GOOD for you!

Date: Thu, 2 Oct 1997 21:10:53 +0100

From: Scott Robinson <spr@earthlink.net>

To: boatanchors@theporch.com
Subject: WTB: Hammarlund S-200 Speaker
Message-ID: <v03007803b059b0170d80@[153.34.139.184]>

This is cross-posted from rec.antiques.radio+phono. BUG HIM, NOT ME!!

Subject: WTB: Hammarlund S-200 Speaker
From: Terry Pridgen, pridget@pinn.net
Date: 2 Oct 1997 02:16:37 GMT
In need of a Hammarlund S-200 speaker for my HQ-180. If you have one that you would like to part with, please send discription of condition and price.
Terry
pridget@pinn.net

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Thu, 2 Oct 1997 21:08:16 -0700
From: "michael ferraro" <ferraro@sprintmail.com>
To: <arc5@ix.netcom.com>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: SCARY STORIES FROM AN ESTATE SALE
Message-ID: <199710030508.WAA16417@mailgate22>

Dave: you had better stay away from those estate sales....instead give me a call and I will take the risk :-)

de K6zsr "mike in montecito"

-----Original Message-----
From: arc5@ix.netcom.com <arc5@ix.netcom.com>
Subject: SCARY STORIES FROM AN ESTATE SALE

>I thought I'd pass along a couple of scary stories about my
>recent trip to an estate sale. A gentleman from south of

>here graciously invited me to come dig-out and purchase
>what I could of the gear,
>Suddenly I felt a rush of wind, something
>just lightly brush my back and *****KA-WHAM***** on the floor! My wife
>Kay screamed and the other guys came running. A huge transformer
>weighing God-knows-what had slid off the table and came that close
>to crushing my chest or breaking my back!
>73 DE Dave Stinson AB5S
>arc5@ix.netcom.com
>
>
>

Date: Thu, 2 Oct 1997 22:39:28 +8
From: "Jim Berry" <basalop@mail.gte.net>
To: Russell_Schroeder@xn.xerox.com
Cc: boatanchors@theporch.com
Subject: Re: RAS Receiver - update
Message-ID: <199710030545.AAA26781@smtp.gte.net>

Hi Russ,

>
> The RAS that I picked up is missing all identification plates on the

I also have an old RAS setting in the garage waiting for it's turn
for complete restoration. Mine is also missing all the tags. Some
clown even removed the National logo from the speaker grill. If
someone ever offers reproduction ID plates for an RAS I will be one
of their first customers.

73 Jim K7SLI

Jim & Shirley Berry

Date: Thu, 2 Oct 1997 20:01:27 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Boatanchors List <boatanchors@sco.theporch.com>
Subject: Wall Street Journal article on Morse code (fwd)
Message-ID: <Pine.GS0.3.95q.971002195837.6854C-100000@uhunix5>

I wanted to share the following with all of you...
Jeff KH2PZ

From: Greg Dean n9nwo

Jeff:

As you are a Morse "nut" (and a former Coastie), I assume you saw the article in the Oct 1st WallStreet Journal.

I had a professor (Vern Folley) at Purdue who taught a course on the History of Western Technology. He has a premise that anything that is no longer needed by society, becomes a hobby. And the folks that practice that hobby are living museums, keeping that knowledge alive for society. His examples were hunting, fishing, small plot gardening and weaving.

The WSJ article was in that vein. It was how folks are keeping Morse alive in an digital age.

Date: Fri, 03 Oct 1997 17:36:31 +1000
From: David Prince <davprin@gil.com.au>
To: Boatanchors <boatanchors@sco.theporch.com>,
COLLINS <collins@listserv.tempe.gov>
Subject: WTB Parts for R-390A
Message-ID: <3434A07D.4CE4CF73@gil.com.au>

G'day Gang,

I'm looking for some parts for my R-390A.

1. Complete dial lock mechanism. Mine is missing completely - not even the front panel bush.
2. Set of good cam rollers or alternatively, a slug rack with good rollers. The rollers here have flat spots worn on them, the result of either lack of lubrication or more probably in this case, over lubrication by a previous user. If lubricant gets onto the surface of the roller or the cams, they tend to slide rather than roll thus wearing a flat spot.

I don't particularly need the slugs in the rack although I guess a few spare would not go astray, hi.

Thanks for the bandwidth,

--

Dave Prince VK4KDP
davprin@gil.com.au
Brisbane, Queensland, Australia

Collector and restorer of Military Radio and Signalling Equipment.

Date: Fri, 3 Oct 1997 03:36:38 -0400
From: "Thomas A. Adams" <103360.2133@compuserve.com>
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: J-36 Identification
Message-ID: <199710030338_MC2-22A4-A66@compuserve.com>

Greetings, Bob.

>From what you describe, that is indeed a J-36; a Lionel to be exact. The tip-off is the scraps of plastic you mention.

For some reason, Lionel saw fit to make it's nomenclature plates out of a particularly nasty plastic material that has TERRIBLE dimensional stability. On every Lionel product I've seen, the plate shrinks and pulls loose from the pins that anchor the plate to the base, usually leaving the plate corners (ie, the scraps of plastic) stuck under the pins.

To further identify it; the plate was held in place by six pins. The plate was long and narrow, unlike the plates on most other bugs (exception; Vibroplex J-36, where plate shape and dimensions were somewhat similar, but the plate was metal). The metal parts are nickel plated (probably with a rather dull nickel) instead of chrome plated. The key's basic configuration is that of the Vibroplex "Lightning Bug" / No. 6 model.

The Lionel J-36 is unmistakable. If you've ever seen one, you can spot others from a mile off.

Rejoice; the Lionel version is one of the best handling of the J-36 versions; it's a joy to use on the air. For my money, the worst of the lot is the J. H. Bunnell "Lightning Bug" version; I wouldn't wish a key that handles so badly on the biggest lid in the world.

I understand that Tom Perras is making replica Lionel J-36 nomenclature plates, in the event you want to restore your key. I've been meaning to investigate and order one for MY old warrior.

BTW; got ya topped with my Lionel; mine has a cord and wedge set that is LIONEL MARKED! I've never seen another one of those.

73's,

Tom, K9TA

Date: Fri, 3 Oct 1997 03:36:36 -0400
From: "Thomas A. Adams" <103360.2133@compuserve.com>
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: Globe King
Message-ID: <199710030338_MC2-22A4-A65@compuserve.com>

Hello Bill.

With V-70-D finals, that thing is without question a Globe King 400; I have one right beside me as I type this message. Off and on I'm trying to restore mine; it's a bit of a basket case at the moment.

No real good war stories yet, but Rotsa Ruck on finding PA tubes for the beast!!! And the 5514s in the modulator aren't exactly growing on trees either, but they are more plentiful than V-70-Ds. Electrically, the best replacement I've been able to find for the V-70-D is an 812-A, but the rig needs modifications to run 'em. Also, there MAY be a mechanical problem with 812s; even tho they don't have as much plate dissipation rating as V-70-Ds, they are physically LARGER.

I hope the plug - in coils for your rig are in better shape than the ones for mine. A major job has been essentially rebuilding the existing coil sets with plastic strips and DuBro model airplane cement! The original plastic insulation hasn't stood up well to the ravages of time. Another part of the job is constructing replacements for the missing coil sets, using parts (ceramics and banana plugs) from scrapped BC-610 coils (I hunt for those at hamfests like crazy!).

73's,

Tom, K9TA

Date: Fri, 03 Oct 1997 09:44:47 +0200
From: "JOSE V.GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
To: boatanchors@sco.theporch.com
Cc: BAswaplist@foothill.net
Subject: WTB: ER magazine (before 9/96)
Message-ID: <3.0.1.32.19971003094447.006bd63c@192.168.0.1>

Hi gang,

I'm interested in any ER magazine published before September-1996 (when I began my subscription).

Please, let me know what you have available.

Thanks and best regards.

JOSE

73 JOSE V. GAVILA (EB5AGV / EC5AAU)
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

***** PLEASE, VISIT MY HOME PAGE! *****

<http://www.geocities.com/SiliconValley/6992/>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

Date: Fri, 3 Oct 1997 06:36:07 -0400 (EDT)
From: K1HC@aol.com
To: boatanchors@theporch.com
Subject: Johnson 6N2 Advice?
Message-ID: <971003063606_1343102268@emout02.mail.aol.com>

Hello everyone - I have a lead on buying a Johnson 6N2 amp. I presently have a Gonset 903A, but that is only for 2 meters. Any comments on whether I should wait out finding the other Gonset amp for 6 (can't recall the designation), or jump at the 6N2. Thanks for comments!

73,

Dick, K1HC

Date: Fri, 03 Oct 1997 11:08:33 UTC
From: n5off@w5ddl.aara.org
To: boatanchors@theporch.com
Subject: R-392 by Colonial?
Message-ID: <95211@w5ddl.aara.org>

Has anyone ever seen a R-392 made by Colonial?

If so, could you send me the info on it?

So far, the most obscure R-392 contract I've stumbled across is for 7 units made by Decitron of NY.

Thanks,

Tom N5OFF

Date: Fri, 3 Oct 1997 07:20:37 -0400 (EDT)
From: afpgreg@state.me.us (Paul V. Gregory)
To: baswaplist@foothill.net
Cc: boatanchors@theporch.com
Subject: FS: Swan 250 at Hosstraders, NH
Message-ID: <199710031120.HAA07421@gatekeeper.ddp.state.me.us>

I've packed a very nice Swan 250, 117xc power supply and all sorts of documentation for sale at Hosstraders, Rochester NH.
73 de N1ZRR, Paul

Date: Fri, 3 Oct 1997 07:56:53 -0400 (EDT)
From: KA9EGW@aol.com
To: boatanchors@theporch.com, ham-boatanchors@ucsd.edu
Subject: eico vtvvm kit
Message-ID: <971003075652_1031660041@emout16.mail.aol.com>

Have received many bids on the eico vtvvm kit. Too many to reply to by the each.
Highest bid by midnight CDT Friday 10/3/97 gets it.

Date: Fri, 03 Oct 1997 09:15:02 -0300
From: laffitte@prtc.net (laffitte)
To: boatanchors@theporch.com
Subject: Pan American Tropical
Message-ID: <3434E1C6.767@prtc.net>

Hi BAers:

Some progress on the Pan American Tropical. It's alive! Most tubular paper caps were leaking so I replaced them all. Luckily the filter cap is ok. A 6SK7 tube was replaced and the tone control circuit reconnected. There was also a 22kohm resistor in the RF circuit that was open. All other resistors are well within tolerances. I placed a small and not too good audio transformer in place of the original (this is not the one I plan to leave there because it won't couple well to the 6V6 audio output tube). After all this I fired it up in AM and stations began to come in. Everything was going fine and then an IF can went bad with an open winding. I have some replacements so at least temporarily I was able to get it back to work until I take out the can and see if the original coil can be fixed. I still notice low sens from the SW bands even after a preliminary tuning procedure which is fairly straight forward. The only problem is that every time I have to look at the schematic the whole cabinet has to be picked up and turned upside down. The schematic is on the inside of the cabinet top. The things we do to get these BAs working!:>).

Best 73s to all
Guido KP4FAR
BA collector in the tropics

Date: Fri, 3 Oct 1997 09:33:36 -0400
From: howellh@winthrop.edu
To: boatanchors@theporch.com
Subject: Rock Hill Hamfest
Message-ID: <97100309333662@winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message
Date: 03-Oct-1997 09:31am EST
From: Haney Howell
HOWELLH
Dept: Mass Communication
Tel No: 323-4534

TO: Remote Addressee (_smtp%"boatanchors@theporch.com")

Subject: Rock Hill Hamfest

Just a reminder that the Rock Hill, SC hamfest is Saturday. Located just south of Charlotte on I-77/Exit 88 at the Knight's Stadium. Good boatanchor fest because of the ease of parking. Buy a ticket, get a space in the fleamarket. Starts at 6:00 a.m. until....

Haney k2xn <howellh@winthrop.edu>

Date: Fri, 03 Oct 1997 07:36:38 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
To: BoatAnchors <boatanchors@theporch.com>
Subject: FS: Multimeter ME-9B/U (TS-352/U)
Message-ID: <3434F4E5.14E4@lobo.net>

Multimeter ME-9B/U (TS-352/U). Fully functional on all scales. Well, THIS ONE is a volt-ohmmeter in the true proportions of a BoatAnchor! Of the style and of the era to complement any collection. It weighs in at about 13 pounds with batteries! It contains Multiplier Kit MX-815/U which extends the 20, 000 ohm/volt scale to 5000 volts DC.

Dimensions: 11 1/4" x 7 1/2" x 6 1/4." Very heavy steel case; color is gray; it has been stencilled upon, decalled upon, and written upon over the years, to the point that the new owner might want to refinish it. Or leave it as is, for authenticity.

Other identification: Contract AF33(038)20386; Phaostron Co. South Pasadena, Ca; S/N 13387.

Batteries, etc.: (1)BA-30 (D Cell); (3)BA-31 (4.5V Eveready 781, with binding posts-obsolete). I have replaced the BA-31s with three AA holders, each with 3 AA cells, in series. This is a drop-in replacement for the original batteries with NO drilling, glueing, etc. The original plastic-covered battery legend inside the battery cover is badly stained from leaking batteries, but the cover is not corroded. This is the only obvious damage to the original meter. The legend may easily be redrawn with a graphics program, and re-covered with plastic from a hobby store.

Other: From an estate collection, years on a shelf. The original jumper (phone tip/phone tip) from the high voltage multiplier to the DC input is missing; I have replaced this. The black bakelite panels are in remarkably good condition, as is the meter glass. There is no paperwork; scale accuracy is printed inside the cover. The switch contacts could stand a cleaning, but I will leave this to the next owner, as I do not

have the proper chemical.

I have a sufficient number of bench meters for my use, and so I offer the above for sale. I have one offer for \$65, plus shipping. I will accept additional offers through October 10th, via email direct, please. Shipping on this will be about \$15-20 from Albuquerque.

Herb Rosenthal W5AN
herbrose@lobo.net

Date: Fri, 3 Oct 1997 08:56:18 -0500
From: Laird Tom N <LairdTomN@JDCORP.deere.com>
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>
Subject: GM7191 Maroon paint
Message-ID: <0958DD57326BD011813300805FBE98DA018D791C@e90corp2.dx.deere.com>

Thanks to all who responded to my plea where to find this paint. Here is what I found locally:

K-mart doesn't carry it
Advanced Auto doesn't
Western Auto/Parts American will special order it.
Pep Boys has it (but none are here locally)

Going price seems to be \$4.59/can (I think they are 8 oz.)?

A list member has some extra and is willing to part with a few cans if needed.
READ THE FOLLOWING:

--
About four months ago I located a auto parts store that had 20 cans in the warehouse, so I bought them all, as I knew guys on the list could use it later.
Send me \$15 to cover my cost and postage and I'll send you two cans.

Ron W00IZ Kansas City
(10701 W. 54th Street, Shawnee, KS 66203)

--
Of course, R&R Designs in Marshall, Wi. has the bigger cans available and I

believe the cost is \$15 plus \$3 shipping and handling (may be off on the price?)

Rob's E-mail is: REHummel@aol.com (WA9ZTY)

Now the question?

What car/truck does this color match? Maybe someone knows the

Dupli-color

number for the same paint? Or any other paint manufacture for that matter?

BTW, some of you inquired that you now know where to get John Deere green paint! HI.

Tom Laird WC9M Moline, IL
Deere & Company
LairdTomN@JDCorp.deere.com

Date: 03 Oct 1997 09:01:26 -0500
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
To: boatanchors@sco.theporch.com
Subject: Meter adjustment?
Message-ID: <19970ct03.090127-0500@spike.vuse.vanderbilt.edu>

Well, gang, ya gotta give me some credit, at least I stopped messing before doing any damage.

Have a real nice Hickok 600A checker, but the meter doesn't read right. Yes, it's the meter, I checked it against another 600A that I have. Nominally it's 235 ohm 500 uA. The good meater reads spot on full scale at 500 uA. The bad meter (resistance reads OK, no obvious problems with coil or series R) started out at about half scale. By judicious messing, I got it up to about 85%, but it wants to go no further. I didn't see much improvement on the span of the meter by messing with the spring adjusts (front and back), at least when I keep it zeroed. The main change came by straightening out the kinks in the coil springs. However, they be fully ironed out and I still have a bit to go.

Any suggestions? Absent those, any recommendations for meter rebuilding outfits (shudder)?

73 A. B. Bonds

Date: Fri, 3 Oct 1997 14:59:05 +0100
From: "ro" <otterstad@inet.uni-c.dk>
To: <baswaplist@foothill.net>
Cc: <boatanchors@theporch.com>
Subject: GRC 109 Prices ?
Message-ID: <199710031359.PAA10720@inet.uni-c.dk>

Ragnar Otterstad
email : otterstad@inet.uni-c.dk

Could somebody please tell me the going rate for AN7GRC 109 ?

Many thanks 73 Rag OZ8R0

Date: Fri, 03 Oct 1997 09:30:25 -0500
From: Gary Harmon <gharmon@txdirect.net>
To: BOATANCHORS@LISTSERV.TEMPE.GOV
Cc: boatanchors@theporch.com
Subject: Harris Transformer
Message-ID: <3.0.3.32.19971003093025.006d2840@mail.txdirect.net>

Drug (literally) home a HEAVY Harris transformer yesterday evening while acquiring my Warrior linear. The markings on the label are:

Harris Corp
472-0711-000
SNC P11541

Inputs: 240v/208v/-11v/0v/+11v
Outputs: 4500vdc/4000vdc/3500vdc/3000vdc/0v

Weights AT LEAST 100 pounds. Looks like it would handle at least 3 amps but would like to know the actual amp rating. Any comments on this transformer? What's it worth at a hamfest because it will probably go to Belton tomorrow.

Thanks in advance for your help.

73,
gary

=====
Gary H. Harmon, Jr., K5JWK
6302 Robin Forest
San Antonio, TX 78239-3218
(210) 657-1549

gharmon@txdirect.net

+Too Many Projects, Not Enough Time!
++Better to Have and Not Need than to Need and Not Have!
+++Pack Unto Others As You Would Have Them Pack Unto You!

Date: Fri, 03 Oct 1997 09:42:12 +0000
From: "Lawrence R. Ware" <lrware@pipeline.com>
To: boatanchors@sco.theporch.com
Subject: Re: Meter adjustment?
Message-ID: <3.0.32.19971003093621.006d3d24@pop.pipeline.com>

At 09:01 10/03/1997 -0500, you wrote:
>Any suggestions? Absent those, any recommendations for meter
>rebuilding outfits (shudder)?

Years ago, you would place the whole meter into a re-magnetizing device hook up 500 uA to it and pulse the coils of the "meter magnet charger" until you got full scale. A pain in the butt procedure that often required then moving it to a de-magnetizing box to remove excess magnetic flux and get it back down to full scale. An interactive procedure, using both fixtures, variable high power pulse supplies and slowly learned skill. :-)
I used to watch some of the old gents at GE do this to some of GE's more expensive commercial grade meter movements from time to time.

Alas, except at the few remaining professional meter rebuilder's, this is yet another lost art.

-Larry Ware
lrware@pipeline.com
Orlando, Florida

Date: Fri, 3 Oct 1997 09:46:21 -0600
From: "Grant Youngman" <nq5t@gte.net>
To: boatanchors@theporch.com
Subject: Promised info on E-V 664
Message-ID: <199710031447.JAA12732@smtp.gte.net>

Gang ..

Sorry for the bandwidth ... but I promised someone here a copy

of the spec sheet for an E-V 664 and have lost the message, the recipients info and address.

Whoever you were -- please drop me a line and refresh my miserable senility ridden memory :-(

Grant
Grant Youngman -- NQ5T
nq5t@gte.net
HTTP://home1.gte.net/nq5t
Double Oak, TX (near Dallas)

Date: Tue, 01 Jan 80 16:24:35 -0800
From: philip mccoey <dgnova@erols.com>
To: boatanchors@sco.theporch.com
Subject: columbia hamfest date
Message-ID: <199710031502.LAA16027@smtp2.erols.com>

When is the columbia hamfest, is Oct 5 or the week after that or the 12th ?

Philip McCoy dgnova@erols.com

Date: Fri, 3 Oct 1997 09:17:53 -0700
From: anders@autopsy.csd.sgi.com (Greg Anders)
To: hammarlund@qth.net, boatanchors@theporch.com
Subject: SP600 Cabinet Availability
Message-ID: <9710030917.ZM12732@autopsy.csd.sgi.com>

Some months ago I approached the local distributor for Premier Metal Products for pricing on the cabinet they manufacture for the Hammarlund SP600. Premier made the original cabinet for Hammarlund and still lists in their product line a cabinet to fit this venerable receiver. The cabinet is the same physical dimensions as the original, has the same hinged lid on top and is finished in black wrinkle. Unlike the original, the side vents are slotted not the square holes which I was told was a "Hammarlund Special". There are also no handles on these cabinets. At any rate, Premier sells this cabinet new for \$110.52 in single quantities. My interest is to poll the audience to see if there is enough serious interest to approach the representative with a quantity purchase proposal. I'm need two of these cabinets and already have one other person interested. If you are interested please send me

direct e'mail (anders@sgi.com.) so I can tally the totals and see where we stand.

Thanks,

--

Greg Anders

"If at first you don't succeed.....then skydiving is not for you"

anders@autopsy.sgi.com
KG6YV

End of BOATANCHORS Digest 1711

>From ???@??? Sat Oct 04 10:10:26 1997
Message-Id: <199710040059.TAA13195@sco.theporch.com>
Date: Fri, 3 Oct 1997 19:59:28 CDT
Subject: BOATANCHORS digest 1712

BOATANCHORS Digest 1712

Topics covered in this issue include:

- 1) Info needed- R51 speaker
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 2) FS: Coax Ratiometer
by JONWEINER@aol.com
- 3) Tom Perera and the J-36 plates
by "Thomas A. Adams" <103360.2133@compuserve.com>
- 4) Re: Tom Perera and the J-36 plates
by "Roberta J. Barmore" <rbarmore@indy.net>
- 5) WTD: 76 tube/S-19R Man Copy
by don merz <71333.144@compuserve.com>

- 6) headsets
by Ethan Emeson <ethan@olywa.net>
- 7) ART-13 psu circuit
by BEN NOCK <G4BXD@compuserve.com>
- 8) BC-148/TM 11-237
by BEN NOCK <G4BXD@compuserve.com>
- 9) BA value
by Dave Wood <W4EJ@coastalnet.com>
- 10) Re: Concerning the ARC-1 and ARINC.
by arc5@ix.netcom.com
- 11) Etching Sheet Brass
by arc5@ix.netcom.com
- 12) James Beyer - - Tin Can Sailor
by "Paul Bernhard" <W2TU@classic.msn.com>
- 13) Re: ART-13 psu circuit
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 14) Re: Meter adjustment?
by Scott Robinson <spr@earthlink.net>
- 15) RE: CK647 tube
by "L. Mark Pilant - MS:ZK03-4/Y02 DTN:264-1529" <pilant@seesaw.ENET.dec.com>
- 16) RE: Etching Sheet Brass
by Ken Brookner <brooknerk@acm.org>
- 17) Re: Johnson 6N2 Advice?
by L & M <toneri@ils.net>
- 18) What's a VU111/10E/146 ???
by Dexter Francis <cwest@xmission.com>
- 19) Re: Globe 400 and Moldy Zenith
by "Larry" <rau@wco.com>
- 20) Musings On System Integration
by "Bill Standerfer" <williame@lynx.csn.net>
- 21) Re: 923 'tube'..
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 22) FS: Clean-out time!
by MODSTEPH@ACS.EKU.EDU
- 23) Re: What's a VU111/10E/146 ???
by Scott Robinson <spr@earthlink.net>
- 24) End of season sale.
by gcr2@po.CWRU.Edu (George C. Rybicki)
- 25) When did 126.18 Mcs = 126.20 Mcs?
by n5off@w5ddl.aara.org
- 26) Re: What's a VU111/10E/146 ???
by William Donzelli <william@ans.net>
- 27) Re: When did 126.18 Mcs = 126.20 Mcs?
by Stanley Wilson <microres@crl.com>
- 28) RE: Etching Sheet Brass
by launerb@crl.com (William H. Launer)
- 29) R-392 manual
by "Robert Nickels" <ranickel@mwci.net>

30) Re: When did 126.18 Mcs = 126.20 Mcs?
by "Mike B. Feher" <n4fs@monmouth.com>

Date: Fri, 3 Oct 1997 13:07:44 -0400
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
To: boatanchors@theporch.com
Subject: Info needed- R51 speaker
Message-ID: <v0310280cb05ad5bdec68@[134.53.65.12]>

I recently acquired a Hallicrafters R-51 speaker, which is similar to the common R-50 except that it has a digital mechanical clock. I note that there is a 7W (Xmas tree type) light bulb socket wired inside the cabinet to illuminate the digits, and am wondering if that was an add-on by a previous owner? Also, in contrast to the R-50, the R-51 has a small terminal strip mounted on a rear aluminum bracket for the receiver connections. Does anybody know if that is original?

Thanks,

Jim Garland W8ZR

Date: Fri, 3 Oct 1997 13:04:34 -0400 (EDT)
From: JONWEINER@aol.com
To: boatanchors@theporch.com
Subject: FS: Coax Ratiometer
Message-ID: <971003130144_1866395051@emout19.mail.aol.com>

An old SWR bridge by a fancy name. Made by Universal Service (now Universal Radio). In Fair condition. However, the remote sensor is the same as the one used in the Johnson Matchboxes. So If you need one for the Johnson, this will work. \$15. plus \$3. shipping.

Jon, K1VVC

Date: Fri, 3 Oct 1997 13:11:50 -0400
From: "Thomas A. Adams" <103360.2133@compuserve.com>
To: BOATANCHORS <BOATANCHORS@theporch.com>
Subject: Tom Perera and the J-36 plates
Message-ID: <199710031312_MC2-22B0-9CA7@compuserve.com>

Greetings.

For all of those who wrote me asking about the Tom Perera repros of the Lionel J-36 nomenclature plate; Tom sent me a message a few months ago which tells the story.

Tom is producing a xerox copy of an original J-36 plate, sealed in plastic, that he says looks very good. He is asking \$5.00, and an SASE, and says money back if not satisfied.

That approach to the problem seems to me to be ESPECIALLY appropriate and should look almost original, especially if the xerox copy is done on rather heavy cardstock.

Per his MSG, send requests to the CALLBOOK address for his old call, K2DCY.

Tom, for those who don't know, is one of the more distinguished and knowledgeable telegraph equipment historians around right now. I am MORE than willing to take his word that his copies look good; I just haven't done it yet! <grin> So many projects, and so little time for them...

73's,

Tom, K9TA

Date: Fri, 3 Oct 1997 12:27:42 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: "Thomas A. Adams" <103360.2133@compuserve.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tom Perera and the J-36 plates
Message-ID: <Pine.SUN.3.96.971003122332.18737A-100000@indy2>

Hi!

Actually, you don't have to take Tom's word on those Lionel J-36 labels; I bought one about a year ago and they look *great!* In fact, I thought it was printed on mylar, rather than being a plastic-sealed xerocopy. Whatever the process, the finished product has a nice, glossy look, just like a new plastic label would have.

Dr. Perera is also a first-rate guy--I spent about a half-hour at his set-up at Dayton this Spring, looking and listening. (He even put a picture of us on his web-page, though he advised I am not real

photogenic).

73,
--Bobbi

Date: Fri, 3 Oct 1997 13:25:23 -0400
From: don merz <71333.144@compuserve.com>
To: boatanchors@theporch.com
Subject: WTD: 76 tube/S-19R Man Copy
Message-ID: <199710031328_MC2-22AE-6A58@compuserve.com>

Hi: I need a 76 tube and a manual for a Hallicrafters S-19R or copy thereof.
I have tubes to trade or will pay cash or trade other quality junk.

Any help appreciated.
73, Don

Date: Fri, 03 Oct 1997 09:40:01 -0700
From: Ethan Emeson <ethan@olywa.net>
To: BA list <boatanchors@theporch.com>
Subject: headsets
Message-ID: <34351FE1.77E681D5@olywa.net>

1) David Clark H3310

I'd assumed this was an aviation headset, but someone on usenet recently replied that it was designed "for two-way radio ie motorola hand held. It will not work with aviation radios." All I know is that it has huge, completely over the ear ear-pieces, a large over-the-mouth mouth-piece with a pivoting mic element apparently activated by a switch on the mouth piece. Adjustable metal headband with very thick, wide foam padding.

2) WE switchboard operator type

OK- it's not really BA related, but it is a headset, so I couldn't resist. ca 40's?? (maybe someone can tell me era by virtue of the fact it uses double terminated 1/4'' mono phone plug rather than a single stereo plug). Is missing the headband- it is simply a curved metal bar along which the large earpiece and smaller mouthpiece pivot. Marked:

BELL SYSTEM
52
MADE BY

Western Electric

I know I hate to to "best offer", but I don't even have anything resembling an "informed opinion" as to what these are worth. Opinions are welcome/desired, and if I get a couple perhaps I'll offer them again for a set price.

Thanx,
Ethan

Date: Fri, 3 Oct 1997 13:51:48 -0400
From: BEN NOCK <G4BXD@compuserve.com>
To: Multiple recipients of l <boatanchors@sco.theporch.com>
Subject: ART-13 psu circuit
Message-ID: <199710031352_MC2-22B4-F880@compuserve.com>

I am looking for the circuit of the psu for the ART-13.

I also believe, way back in the dark ages, that QST or CQ mag did an ac psu circuit. Anyone have a copy of either the dyno unit or an ac substitute ?

Cheers, Ben G4BXD.

Date: Fri, 3 Oct 1997 13:51:50 -0400
From: BEN NOCK <G4BXD@compuserve.com>
To: Multiple recipients of l <boatanchors@sco.theporch.com>
Subject: BC-148/TM 11-237
Message-ID: <199710031352_MC2-22B4-F881@compuserve.com>

Hi BA members,

I am looking for any info on the BC-148, or SCR-131, set, and a copy of TM 11-237.

I will need a set of cans, the hand geny and the =

LP-7 loop to complete the project. =

If anyone can help with any of these bits then =

I'll be mighty obliged.

cheers, Ben G4BXD (MWMM)

Date: Fri, 3 Oct 1997 13:55:17 -0400 (EDT)
From: Dave Wood <W4EJ@coastalnet.com>
To: boatanchors@sco.theporch.com
Subject: BA value
Message-ID: <199710031755.NAA16328@abaco.coastalnet.com>

This posting is intended as an informational posting only! It is not intended to start a thread on the value of BA's. Please do not reply to the net on this posting so as to keep the s/n as high as possible. It will serve no purpose to ramble on about this for days.

For those BA collectors who have Knight Kit Star Roamers such as myself, I just noted on the ebay auction net that one is now in auction with a high bid of \$202.00. That's right, \$202.00 and climbing fast! Just figured some of us in the know, may want to convert that second or third unit into a real "boatanchor"
Let's see that's about equal to an HQ-180. I'll go for that! For those not familiar with the auction net you may contact me directly for the url.

Again remember this posting is informational only. Don't start a useless thread on this! 73 Dave

Date: Fri, 3 Oct 1997 12:59:47 -0500 (CDT)
From: arc5@ix.netcom.com
To: ian@gene.com
Subject: Re: Concerning the ARC-1 and ARINC.
Message-ID: <199710312451965705@>

>I've never actually seen an SCR-522, just the little push-button control >boxes. What did they use for modulator and power amp tubes?
They used an 832 modulated by a pair of 12A6s in P-P.
The radio is a big, featureless, square black lump with some big honking cables coming out the top and a separate big, square black lump of an external dynamotor supply.
This goes to a small, rectangular black lump of a control box. At least it has red buttons!
The pilots liked them because they didn't have to fiddle-around with tuning anything, and they usually worked.
The radio techs hated them. When they got in the air and got cold, the crystals drifted like mad.

The techs started attempting to "match" crystals for drift so everyone would drift alike!

Before the U.S. "officially" entered the war, Churchill and a Russian-velt pushed to make as much of our equipment "interchangable" as possible, plus get production cranking to replace the rapidly-disappearing (read smashed, destroyed) British equipment.

The Signal Corps fell in love with British radio and radar, mostly because the Brits were using xtal controlled-transmitters. The policy never really took hold as American radar and radio designs caught-up and surpassed Brit designs quickly, but not before the SCR-522 was in darn near every Army fighter everywhere and in ground stations at forward air strips for ATC. To be fair to the British-- they had suffered through several years of deprevation and hardship by then, and it's kinda hard to stay on the technical "cutting edge" when you're worried about how to feed your kids or rebuild your bombed-out house.

The Navy, as usual, thumbed their nose at the Army and went their own way, which is why the ARC-5 type radios survived as long as they did. The ARC-5 VHF design really was a leap ahead for its day, but no way the Army was going to pay to replace their working system. That's why you see all the late-war VHF rigs like the ARC-1 with an anchor stamped on them.

>Was the ARC-1 ever sold directly to the civilian market...? Hmmm...I don't know, but I do know that lots were sold as surplus and used commercially as you noted. Don't know how they got them but I'm willing to bet it was sold commercially. There was a big program to find civilian uses for the production lines and stuff built during the war. The feds even gave a little money for "conversion," so it's likely.

73 DE Dave AB5S
arc5@ix.netcom.com

Date: Fri, 3 Oct 1997 13:16:14 -0500 (CDT)
From: arc5@ix.netcom.com
To: boatanchors@sco.theporch.com
Subject: Etching Sheet Brass

Message-ID: <1997103131522616827@>

I need to etch sheet brass to provide fine detail. I'm trying to reproduce missing nomenclature plates and I don't have a hydrolic punch press, heh heh. I've seen etchant for copper. Will it work on brass? If not brass, can I etch aluminum? Sheet copper is kinda hard to find.

73 DE Dave Stinson AB5S.

Date: Fri, 3 Oct 97 18:46:12 UT
From: "Paul Bernhard" <W2TU@classic.msn.com>
To: boatanchors@theporch.com
Subject: James Beyer - - Tin Can Sailor
Message-ID: <UPMAIL18.199710031846200260@classic.msn.com>

Jim;

Got your e-mail and enjoyed the stories. I'm looking to clean-up and reopen your ET Shop if I can get some help from the Park crew here. Would make a good display area and also a place to put the extra BA's I don't have room for in the Radio Central. My address is:

Paul Bernhard W2TU/NNN0GNB
10 Chapel Lane
West Seneca, NY 14224-1215

I can't find your E-mail address so I'm answering via the list. Any info you care to send would be appreciated. One question, I would like to get the radar antenna spinning. Is this impossible after 20 years or could it be done? I'll communicate at length when i have your Email add.

73

Paul W2TU

Date: Fri, 3 Oct 1997 14:55:29 -0400 (EDT)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: BEN NOCK <G4BXD@compuserve.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ART-13 psu circuit
Message-ID: <Pine.A32.3.91.971003144700.25667B-100000@ppdu.nrl.navy.mil>

Ben,

I have a collection of power supply articles from several sources plus a solid-state power supply design that I built for my ART-13. Most of the power supply articles require rewiring the filaments for the valves. The one I designed requires no change in the ART-13 but does require 28 Volts at 20 amps DC. Please send me your address and I will mail you copies of these power supply schematics and articles. I will just ask for payment of postage to the UK.
Sincerely, Paul Bernhardt

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

On Fri, 3 Oct 1997, BEN NOCK wrote:

> I am looking for the circuit of the psu for the ART-13.
>
> I also believe, way back in the dark ages, that QST or
> CQ mag did an ac psu circuit. Anyone have a copy
> of either the dyno unit or an ac substitute ?
>
> Cheers, Ben G4BXD.
>

Date: Fri, 03 Oct 1997 12:13:49 -0700
From: Scott Robinson <spr@earthlink.net>
To: ab@vuse.vanderbilt.edu
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Meter adjustment?
Message-ID: <343543ED.E48A2A48@earthlink.net>

A. B. Bonds wrote:
>

> Have a real nice Hickok 600A checker, but the meter doesn't read
> right. Yes, it's the meter, I checked it against another 600A that I
> have. Nominally it's 235 ohm 500 uA. The good meater reads spot on
> full scale at 500 uA. The bad meter (resistance reads OK, no
> obvious problems with coil or series R) started out at about half
> scale. By judicious messing, I got it up to about 85%, but it
> wants to go no further. I didn't see much improvement on the span of
> the meter by messing with the spring adjusts (front and back), at
> least when I keep it zeroed. The main change came by straightening

> out the kinks in the coil springs. However, they be fully ironed
> out and I still have a bit to go.

Is there a metal piece on the side of the rear meter housing, covering
an arc of about 45 degrees? Does it attach with screws in slots to
allow adjustment? This seems to be a feature of Hickok meters and is
used, I think, to adjust the sensitivity. If it's missing, that might
be why the sensitivity is low.

--

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Fri, 3 Oct 97 15:41:11 EDT
From: "L. Mark Pilant - MS:ZK03-4/Y02 DTN:264-1529" <pilant@seesaw.ENABLENET.dec.com>
To: boatanchors@theporch.com
Subject: RE: CK647 tube
Message-ID: <9710031941.AA29057@us2rnc.zko.dec.com>

Through the kind efforts of Eb Keller I was able to get "sort of" an answer.

It turns out Hewlett-Packard published a service note indicating the three
CK647 tubes in the 8690B could be replaced as follows:

A4V1	12AT7WA/6201
A4V2	12AY7
A4V4	12AT7WA/6201

So, I still don't know the characteristics of the CK647, but I now know
what tubes to use should they ever fail.

73

- Mark N1VQW

Date: Fri, 3 Oct 1997 13:05:43 -0700
From: Ken Brookner <brooknerk@acm.org>
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>
Cc: "'arc5@ix.netcom.com'" <arc5@ix.netcom.com>
Subject: RE: Etching Sheet Brass
Message-ID: <01BCCFFD.0F6230A0@brooknerk@acm.org>

dave, i don't know if this will help or not, but for sheet copper you

might consider flat copper ground strap. it comes in various widths and you can order it by the foot in most places.

73,
kenb, n5lpi/7

On Friday, October 03, 1997 11:16 AM, arc5@ix.netcom.com
[SMTP:arc5@ix.netcom.com] wrote:

> I need to etch sheet brass to provide
> fine detail. I'm trying to reproduce
> missing nomenclature plates and I don't have
> a hydrolic punch press, heh heh.
> I've seen etchant for copper. Will it work on
> brass? If not brass, can I etch aluminum?
> Sheet copper is kinda hard to find.
>
> 73 DE Dave Stinson AB5S.

Date: Fri, 3 Oct 1997 17:15:49 -0500 (GMT-0500)
From: L & M <toneri@ils.net>
To: K1HC@aol.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Johnson 6N2 Advice?
Message-ID: <199710032215.RAA06174@server1.ils.net>

At 06:36 AM 10/3/97 -0400, K1HC@aol.com wrote:

>Hello everyone - I have a lead on buying a Johnson 6N2 amp. I presently have
>a Gonset 903A, but that is only for 2 meters. Any comments on whether I
>should wait out finding the other Gonset amp for 6 (can't recall the
>designation), or jump at the 6N2. Thanks for comments!
>

Go for the 6N2. There were only a few made and most will not part with theirs. How much is the asking price for it? Just curious since I already have one. They are very good amplifiers and I run mine at about 1200 watts during the contests and so far no failures.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net
Keswick, Ontario
WEBPAGE: <http://www.geocities.com/heartland/meadows/8218>

Date: Thu, 02 Oct 1997 06:30:42 -0600

From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: What's a VU111/10E/146 ???
Message-ID: <343393F1.6B64@xmission.com>

Anyone have any idea what a VU111 / 10E/146 tube is?

It's a medium size shouldered glass envelope with an odd
4 pin base arrangement with one pin offset outboard from the others.

It came in military packaging and appears to be both an Army and Navy
type but isn't JAN numbered.

(I've found no reference to it in Sibley yet.)

-df

Date: Fri, 3 Oct 1997 15:38:19 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Re: Globe 400 and Moldy Zenith
Message-ID: <199710032141.0AA09195@shell.wco.com>

The V-70-d's mean you have a Globe king 400.. one went unsold for a long
time (complete) at \$350 here in california.. those tubes are a bear to
get. Definitely not a 500. make sure you get all the plug in coils...as
they are not cheap.

Moldy zenith..I don't understand what kind of coving this has.. but there
is no cure for mold except to kill it with a disenfectant.. usually this
means chlorine or iodine... if it is a wood cased radio.. you may as well
ditch the cover treat the wood and start over.. or just start looking for a
new case to put your chasis in.

Throw the infected one on the fire before all your books and uphostry start
to grow fungus and molds too !

sorry..Larry W6WUH

Date: Fri, 3 Oct 1997 15:43:12 +0000

From: "Bill Standerfer" <williame@lynx.csn.net>
To: boatanchors@theporch.com, W0AS@aol.com, scott@lvld.hp.com,
dtabor@access.com
Subject: Musings On System Integration
Message-ID: <199710032144.PAA02984@ns-1.csn.net>

Greetings Anchorites,

I'm sure you've all heard the line, "With all these wires, why do they call it wireless?"

Ever since I got back into hollow state a few years ago, I've been doing my part to liberate some nice old gear from swapfests and other haunts. And, of course, being somewhat of a packrat (comes with the BA territory) the vector is only inbound and only on very rare occasions outbound. That eventually leads to problems in space management as we all know. However, it also leads to what I'll call "system integration" issues that are challenging and sometimes conflicting.

The conflicts come from my having multiple ham personalities. AM is a great mode and I'm enjoying the fun there. Vintage sideband ranks right up there, too. Now, don't hate me, but contesting and chasing dx are great pastimes for me as well. VHF sideband is also interesting and I'll run a severe weather net on FM a few times each summer. So, what this has led to is a room *full* of gear as well as a field filled with aluminum, copper, and steel.

The trick is to make all this stuff play together without driving the HQ-170 with the SB-221 or electrocuting the operator. After going through this a time or three in 31+ years in the hobby it occurs to me that one of the big problems with station integration or design is that it is usually evolutionary. One just doesn't go out and buy four AM transmitters with receivers, two Drake lines, an S-line, a couple of National transceivers, an FT-1000, a couple of Icoms, and other assorted pieces all at once. It begins innocently with a piece or two and, before you know it, you can barely open the door and band changing is an exercise in trial and error to find the right antenna cable.

So, what I've been doing over what seems like forever, but is really only the last couple of months, is rebuilding the radio room virtually from the ground up. I've learned a few things that, if you've made it this far in this article, you might actually be interested in or have some of your own thoughts to share, so here goes.

First, there was a lot of just sittin' and thinkin' before I made a move. Some may call this step procrastination, but that's another

story. I gave serious thought to my goals and priorities for the station and tried to optimize the layout and design to meet them. I moved things around in my mind dozens of times over many months, then experimented to see how things might work. I also did a little prototyping to try some things. For example, I had an idea about the contest side of the room and moved some old shelves around to try some ideas before deciding on what to build.

Next, I drew up the new arrangement using a simple drawing tool on the computer. I think this is a **really** important step so that you make sure everything will fit. You don't want to spend hours building a new shelf only to find out that it's a quarter of an inch too small for the Valiant that has to occupy it. I drew the outline of every piece of equipment that had to fit somewhere on a desk and made a drawing of everything in place to make sure it would fit. It's easier to move a line on a screen than it is to rebuild a shelf that is the wrong size.

Another thing that I've done is document on paper (well, in the computer since that's handy) the antenna wiring diagram of the station. This is particularly hard for me since I'd much rather "just connect stuff" and get going. However, this step alone has saved untold hours of trial and error when changes are contemplated. It forces you to really think about how a change might affect something else in the system. Now I need to do one for the electrical feeds. This station is pretty complicated, with 16 transmitters and 13 antennas to work with, so working out the small details on paper first makes the interconnects much easier to deal with.

Most of the antenna interconnect cables are 9913F (flexible, well, more flexible than standard 9913). This makes it easier to swap cables around during changes and not worry about whether that line will have an amplifier's output or not. Only a small number (mostly receiver inputs) are done with RG-8X.

There is a computer on the contest side of the room that I use for logging. No paper logs anymore, but that may change for the vintage operating positions. The computer has an uninterruptible power supply to deal with power failures. I also have a few key pieces of equipment supplied off of the UPS. The packet TNC runs off the UPS as do the 2M FM rig that I use for severe weather season and a small TV. Other than that, I don't have any emergency power in the room although it would be pretty easy get power in there from a generator.

I'm almost done and can now get philosophical about the investment in time and money, hence this article. I can connect any transmitter to any antenna and can put at least two HF signals out on most bands at the same time (mostly a contesting goal). VHF is equally flexible.

To do this antenna switching takes 18 antenna switches of various types. Almost all of the other goals were met, too.

Enough of this rambling. I'd like to hear others' thoughts on the subject of "system integration" in stations of any size. I'll take some pictures soon and see if Barry wants to publish them in ER so you can see the results.

Off to finish the last few cables...

73 to one and all.

Bill Standerfer - W0GM - Baron N222AB
Fort Collins, Colorado
williams@csn.net

Date: Fri, 03 Oct 1997 16:12:38 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
To: BoatAnchors <boatanchors@theporch.com>
Subject: Re: 923 'tube'..
Message-ID: <34356DD0.2A4E@lobo.net>

I believe the 923 was a photo tube, made by RCA or Cetron..or possibly both.
Herb Rosenthal W5AN

Date: Fri, 03 Oct 1997 18:10:16 -0400 (EDT)
From: MODSTEPH@ACS.EKU.EDU
To: boatanchors@theporch.com
Subject: FS: Clean-out time!
Message-ID: <01IODNXJXZ6Q001CKG@ACS.EKU.EDU>

Well, the time has come. Still too much stuff and too little time, and it look as though that is not going to change any time soon. These critters need to be "out there" and being used, not just sitting on shelves/desks/floor here, and put in use only for "CX."

All prices do NOT include shipping - and of course I would prefer you pick up, or I'll carry out to about 100 miles from here ("here" = Richmond, Kentucky, about 100 miles south of Cincinnati; 100 miles east of Louisville, 160 miles north of Knoxville, exit 87 on I-75). Twist my arm, pay the charges and I'll ship the things of course...

ALL WITH MANUALS (OR GOOD COPIES THEREOF)

Hallicrafters SX-111 receiver and matching speaker. Rcvr cabinet has some scrapes and scratches; speaker cabinet has been repainted but a good match on the Hallicrafters gray. Basically a cheaper version of the SX-101, but the basic circuitry very similar. Works very well and I did use it in recent "CX." \$125.

Hammarlund HQ-110A-VHF with matching speaker. Physically in super condition, probably as close to "like new" as I have seen in a long time. I got it about a year ago (supposedly am the second owner, not counting the "middle man" thru whom I got it), and I have listened to it about 30 minutes and it sounds very good. No clock. \$200.

Hallicrafters "Twins" - the S-line look-alikes - SX-117 receiver and HT-44 xmtr, plus matching speaker/power supply. XMTR has the "original" xtals (80,40,20,15 meters, and one of four parts of 10 meters: 28.5 - 29.0 mHz). RCVR has six extra xtals added, giving full 10 meter coverage, plus WARC bands. The do transceive, so all hf covered in that way. Looks are quite decent, with a few scratches and scrapes on cabinets, but not many. Used on CX. Entire set: \$275.

I have a few more, but will start with these. They need to go to a good home where they will be operated, not just sitting!

73, Al N5AIT
modsteph@acs.eku.edu

Allan Stephens
Richmond, Kentucky

Date: Fri, 03 Oct 1997 16:01:08 -0700
From: Scott Robinson <spr@earthlink.net>
To: cwest@xmission.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: What's a VU111/10E/146 ???
Message-ID: <34357934.CE49C134@earthlink.net>

Dexter Francis wrote:

>
> Anyone have any idea what a VU111 / 10E/146 tube is?
>
> It's a medium size shouldered glass envelope with an odd
> 4 pin base arrangement with one pin offset outboard from the others.
>

> It came in military packaging and appears to be both an Army and Navy
> type but isn't JAN numbered.

>

With that base it's English-teh base is called B4. The pins will be somewhat thinner than those on American 4 pin tubes. I'll see what I can find when I get home.

--

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Fri, 3 Oct 1997 19:14:53 -0400 (EDT)
From: gcr2@po.CWRU.Edu (George C. Rybicki)
To: boatanchors@sco.theporch.com
Subject: End of season sale.
Message-ID: <199710032314.TAA13753@piglet.INS.CWRU.Edu>

I have a few things left here if anyone is interested

1. Tempo 1 80-10m ssb/am transciever GC 99% hol state transciever. \$225 +sh
 2. Drake RV-3 external VFO GC trade for T4x t4xb etc or \$150
 - 3 heath q multiplier GC no manual untested \$25 + s/h
- Shipping is from Richfield, OH 44286. 73 George

Date: Fri, 03 Oct 1997 23:20:47 UTC
From: n5off@w5ddl.aara.org
To: boatanchors@theporch.com
Subject: When did 126.18 Mcs = 126.20 Mcs?
Message-ID: <95653@w5ddl.aara.org>

All the talk of ARC-1's and SCR-522's reminded me of this question.

When and why did military tower's switch from 126.180 Mcs to 126.200 Mcs?

Why such and odd freq to begin with?

Sandy, are you there?

73 Tom N5OFF

Reply to:
Email (home) n5off@w5ddl.aara.org

Email (home) trinit69@idt.net

Lafayette, LA
R-390A Repro Nametags Available FS

Date: Fri, 3 Oct 1997 19:43:51 -0400 (EDT)
From: William Donzelli <william@ans.net>
To: Dexter Francis <cwest@xmission.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: What's a VU111/10E/146 ???
Message-ID: <Pine.GS0.3.96.971003193935.12238A-1000000@titan.purch.ans.net>

> Anyone have any idea what a VU111 / 10E/146 tube is?

It is a rectifier of British design. The 10E/ number is for the Air Ministry, and the VU number is for some other governmental group (Post Office?).

I have quite a few of the critters, as I always am running into them at hamfests and am a sucker for British tubes. Some are made by U.S. firms, probably for Lend-Lease.

William Donzelli
william@ans.net

Date: Fri, 3 Oct 1997 16:29:42 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: n5off@w5ddl.aara.org
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: When did 126.18 Mcs = 126.20 Mcs?
Message-ID: <Pine.SUN.3.91.971003162819.10061A-1000000@crl6.crl.com>

Tom I bet it has something to do with harmonic frequencies.

i.e. Why is the AM broadcast receiver IF set at 455 khz. The reason is that the harmonic is always 5 khz away since the frequencies are assign every 10 khz.

de stan AK0B

Date: Fri, 3 Oct 1997 19:15:45 -0500
From: launerb@crl.com (William H. Launer)
To: boatanchors@theporch.com
Subject: RE: Etching Sheet Brass
Message-ID: <v0153050fb05b3a197c22@[192.0.2.1]>

Dave,

Sheet copper of various thicknesses is available in art/craft stores where they sell copper enameling supplies. Another source is any place where they make copper gutters or roofs - you should be able to get scraps for little or nothing.

73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arc1 #3551
Grid Square EM48RT

Date: Fri, 3 Oct 1997 19:52:51 +0000
From: "Robert Nickels" <ranickel@mwci.net>
To: boatanchors@theporch.com
Subject: R-392 manual
Message-ID: <199710040054.TAA15434@subcellar.mwci.net>

Hi All,

Speaking of the eBay auction, anyone looking for an original manual for R-392 may want to check out:

<http://komodo.ebay2.com/aw-cgi/eBayISAPI.dll?ViewItem&item=645771>

within the next few hours...

73, Bob W9RAN

Date: Fri, 3 Oct 1997 20:57:07 -0400
From: "Mike B. Feher" <n4fs@monmouth.com>

To: <microres@crl.com>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: When did 126.18 Mcs = 126.20 Mcs?
Message-ID: <199710040051.UAA07796@shell.monmouth.com>

Stan -

Would you please elaborate on your reasoning for the 455 KHz IF. What harmonic are you talking about? The image frequency is always twice above or below the tuned station depending whether low side or high side injection is used. To me what you said made no sense at all. 73s - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

> From: Stanley Wilson <microres@crl.com>
> To: Old Tube Radios <boatanchors@theporch.com>
> Subject: Re: When did 126.18 Mcs = 126.20 Mcs?
> Date: Friday, October 03, 1997 7:29 PM
>
> Tom I bet it has something to do with harmonic frequencies.
>
> i.e. Why is the AM broadcast receiver IF set at 455 khz. The reason is
> that the harmonic is always 5 khz away since the frequencies are assign
> every 10 khz.
>
> de stan AK0B

End of BOATANCHORS Digest 1712
